

NISTTech

A METHOD AND PROCESS FOR IMPOSING FINE-GRAINED NEXT GENERATION ACCESS CONTROLS OVER RDBMS SQL QUERIES AND DATABASE OBJECTS

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Abstract

NIST researchers have invented means of leveraging Next Generation Access Control (NGAC) standard for expression and enforcement of access control policies over SQL queries for accessing tables, records, columns, and fields in existing RDBMS products. By leveraging NGAC the process and method provides a means of access control policy support that goes beyond the state of the art, with minimal impact on performance. In particular, it can impose forms of mandatory, discretionary, and history-based access control policies.

Status of Availability

This invention is available for licensing exclusively or non-exclusively in any field of use.

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